AMENDMENTS TO THE SPECIFICATION

Please amend the title of the invention to read:

"Method of Generating a Labeled Image and Image Processing System With Pixel Blocks."

Please amend the paragraph beginning at page 14, line 12 (paragraph [0061] of the published application), as follows.

FIGS. 3(a) to 3(d) show examples of where a provisional identifier included in the adjacent pixel group 4 is inherited by the pixel block 2 based on the states of the pixels in the adjacent pixel group 4 and the states of the pixels of the pixel 15 block 2. The reference character "X" in FIGS. 3, 4 and 7 is a commonly used cross mark (X-mark). The cross marked pixels or pixel blocks values can be any of "1" or "0." Note that in FIG. 3(a) to 3(d), examples where the provisional identifier used to label the pixels 5 of the pixel block 2 is based on only the state of the upper left pixel g_0 of the pixel block 2 are shown. In FIG. 3(a), the pixel g_0 of the pixel block 2 is "0", and it is not possible to decide whether to inherit a provisional identifier based on the pixel g_0 of the pixel block 2 alone. If the other pixels g_1 20 and g_2 are also "0" and only the lower right pixel is "1", regardless of the state of the adjacent pixel group 4, no provisional identifier included in the adjacent pixel group 4 is inheritable and a new provisional identifier will be assigned to the pixel g_3.